

8 7 6 5 4 3 2 1

QTY -041	P/N	DESCRIPTION
X	DT10760-041	TEST OUTLET DIFFUSER
1	DT10760-1	DIFFUSER
1	M83461/2-905	O-RING
A/R	600.1044	O-RING LUBRICANT (KRYTOX 240AZ)

D

D

C

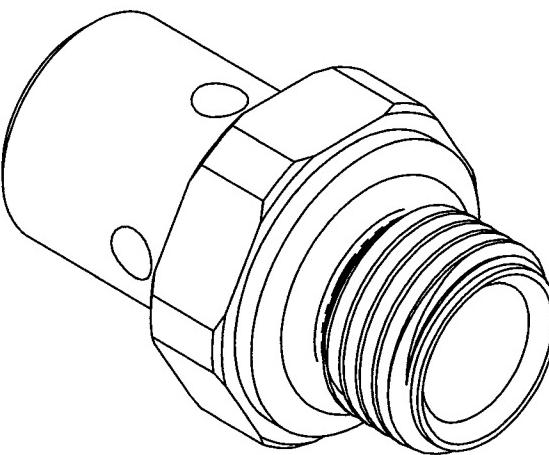
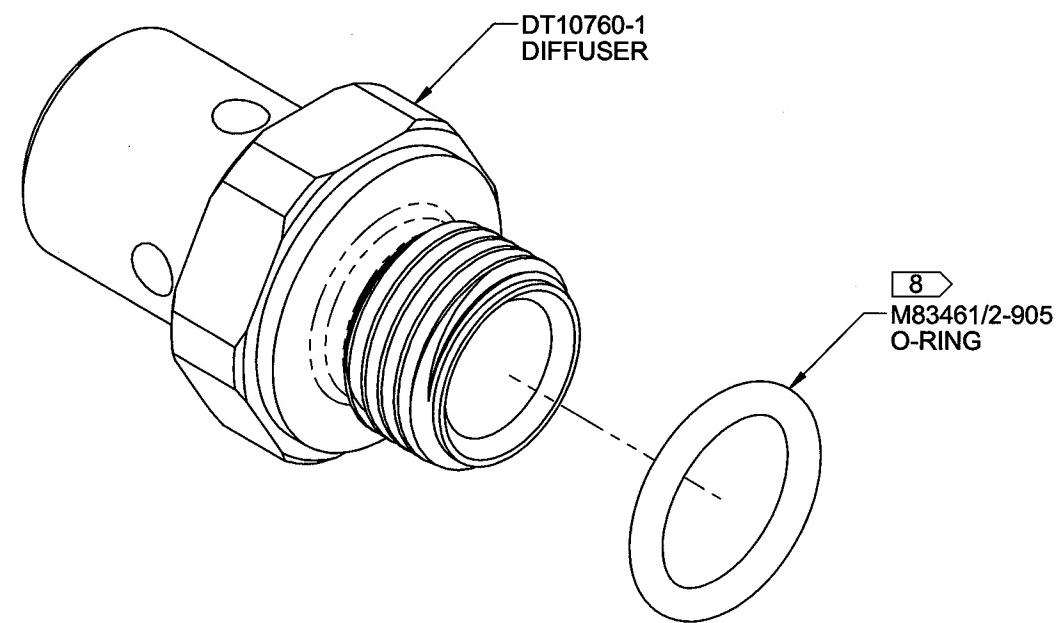
C

B

B

A

A



DT10760-041 TEST OUTLET DIFFUSER

RELEASED

2021 NOV 04
H3 ECR 300 9/

RELEASED

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
 - 7) WEIGHT: N/A
 - 8) APPLY A DROP OF 600.1044 O-RING LUBRICANT TO THE ENTIRE SURFACE OF THE M83461/2-905 O-RING.
USE DT10743-13 TO INSTALL THE M83461/2-905 O-RING OVER THE DT10760-1 DIFFUSER.

C	ADDED -5 AND -7 -045 CORRECTED 654.6512 DESCRIPTION TYPO		KPT	21.10.07
B	UPDATED DRAWING DESCRIPTION ADDED -043, -045 AND -3 UPDATED O-RING P/NS		JC	21.05.26
A	NEW ISSUE		KPT	20.12.08
REV.	DESCRIPTION			
	BY DATE			
DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	KPT			
CHECKED	ZF	DRAWING NO. DT10760		
MFG. APPR.	FK	REV. C SHEET 1 OF 7		
APPROVED	SJH	TITLE TEST COMPONENTS		
DE APPR.	N/A	SCALE NTS		
DATE	21.10.07	COPYRIGHT © 2020 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.		

8

7

6

5

4

3

2

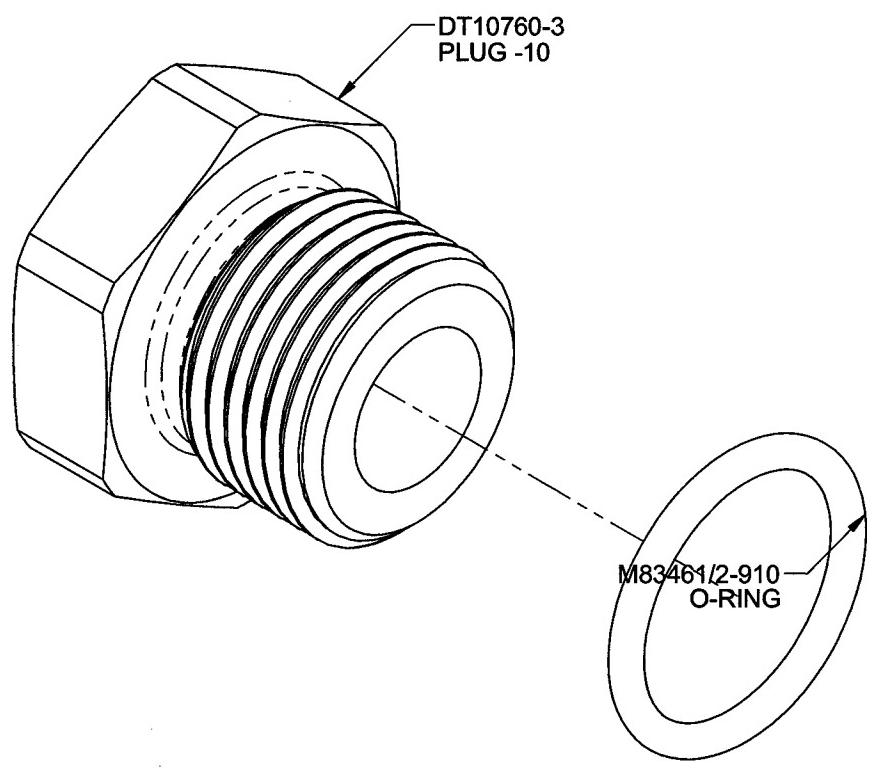
1

8 7 6 5 4 3 2 1

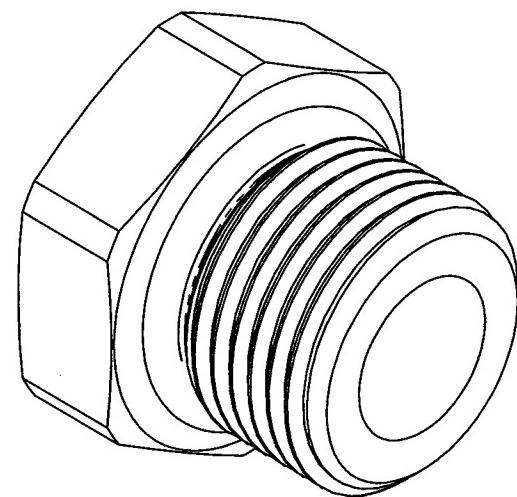
QTY -043	P/N	DESCRIPTION
X	DT10760-043	PORT PLUG -10
1	DT10760-3	PLUG -10
1	M83461/2-910	O-RING
A/R	600.1044	O-RING LUBRICANT (KRYTOX 240AZ)

D

D



8

**DT10760-043 PORT PLUG -10**

B

B

A

A

- NOTES:
 1) MATERIAL: N/A
 2) FINISH: NONE
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: N/A
 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
 7) WEIGHT: N/A

8) APPLY A DROP OF 600.1044 O-RING LUBRICANT TO THE ENTIRE SURFACE OF THE M83461/2-910 O-RING.
 USE DT10743-53 TO INSTALL THE M83461/2-910 O-RING OVER THE DT10760-3 PLUG -10.

RELEASED

2021 NOV 04 q

RELEASED

DESIGN	KPT	DART AEROSPACE LTD
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA
CHECKED	ZF	DRAWING NO.
MFG. APPR.	FK	REV. C
APPROVED	SAM	DT10760
DE APPR.	N/A	SHEET 2 OF 7
DATE	21.10.07	TITLE
		TEST COMPONENTS
		NTS

COPYRIGHT © 2020 BY DART AEROSPACE LTD
 THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS
 NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT
 WRITTEN PERMISSION FROM DART AEROSPACE LTD.

8

7

6

5

4

3

2

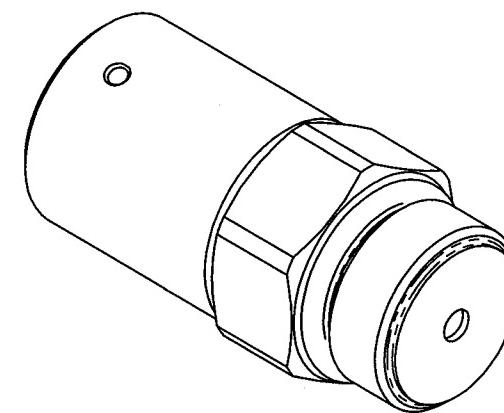
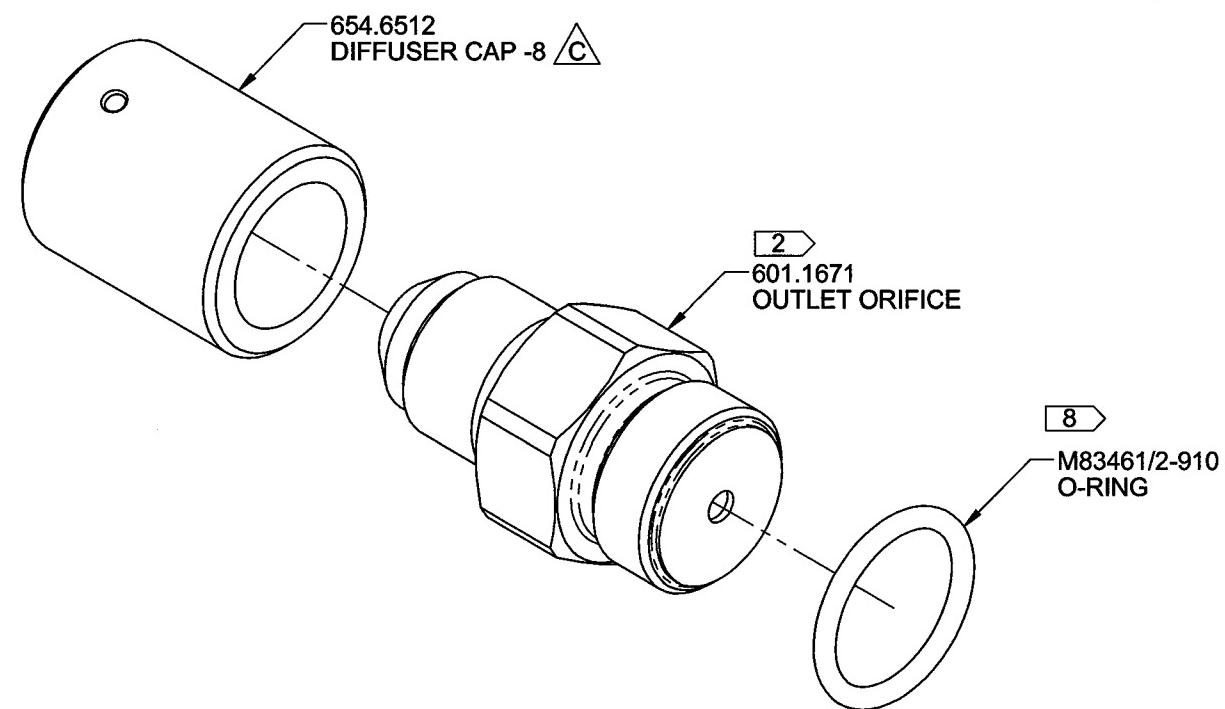
1

8 7 6 5 4 3 2 1

QTY -045	P/N	DESCRIPTION
X	DT10760-045	TEST OUTLET DIFFUSER
1	601.1671	OUTLET ORIFICE
1	654.6512	DIFFUSER CAP -8
1	M83461/2-910	O-RING
A/R	600.1044	O-RING LUBRICANT (KRYTOX 240AZ)

C

D

**DT10760-045 TEST OUTLET DIFFUSER****NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: PAINT EXTERIOR HEX SURFACE OF THE 601.1671 OUTLET ORIFICE RED PER QSI 005 SECTION 4.2.2
MASK O-RING GROOVE AND THREADS PRIOR TO PAINTING
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
- 7) WEIGHT: N/A
- 8) APPLY A DROP OF 600.1044 O-RING LUBRICANT TO THE ENTIRE SURFACE OF THE M83641/2-910 O-RING.
USE DT10743-63 TO INSTALL THE M83461/2-910 O-RING OVER THE 601.1671 OUTLET ORIFICE.

RELEASED

2021 NOV 04 97

RELEASED

DESIGN	KPT	DART AEROSPACE LTD
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA
CHECKED	ZF	DRAWING NO.
MFG. APPR.	FK	DT10760
APPROVED	SAD	REV. C
DE APPR.	N/A	SHEET 3 OF 7
DATE	21.10.07	TITLE
		TEST COMPONENTS
		NTS

COPYRIGHT © 2020 BY DART AEROSPACE LTD
 THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS
 NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT
 WRITTEN PERMISSION FROM DART AEROSPACE LTD.

8

7

6

5

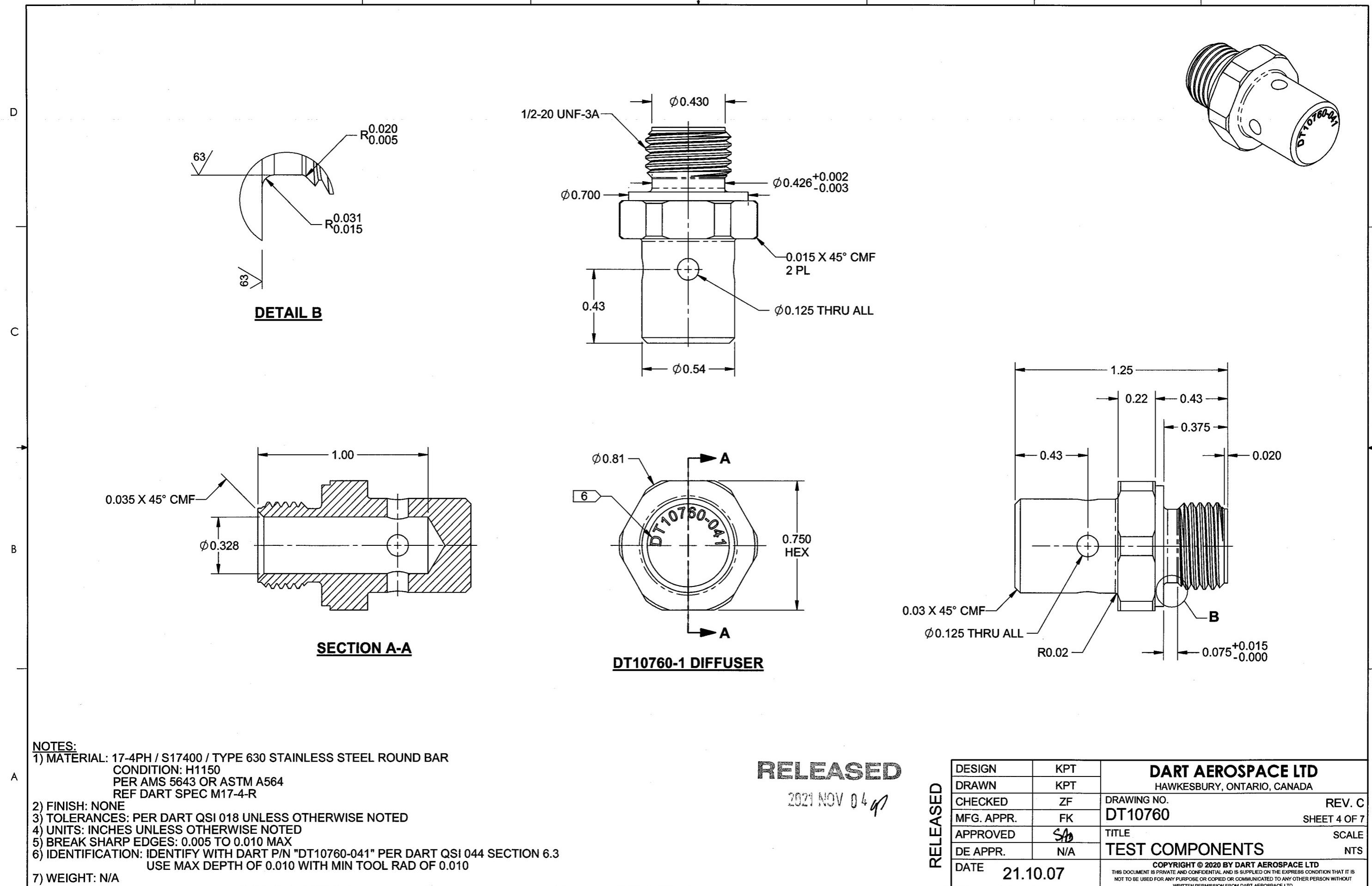
4

3

2

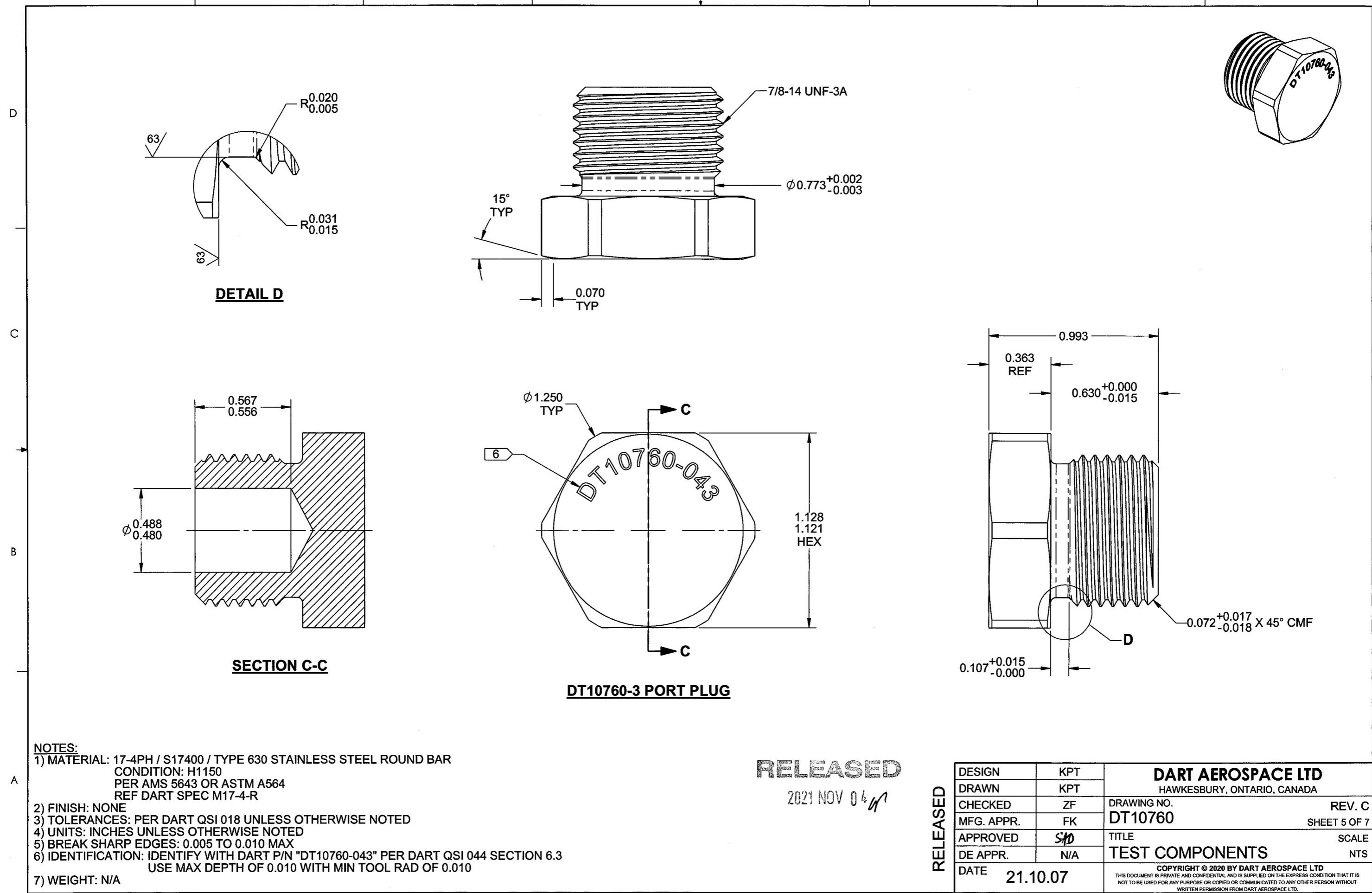
1

8 7 6 5 4 3 2 1



8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1



8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

D

D

C

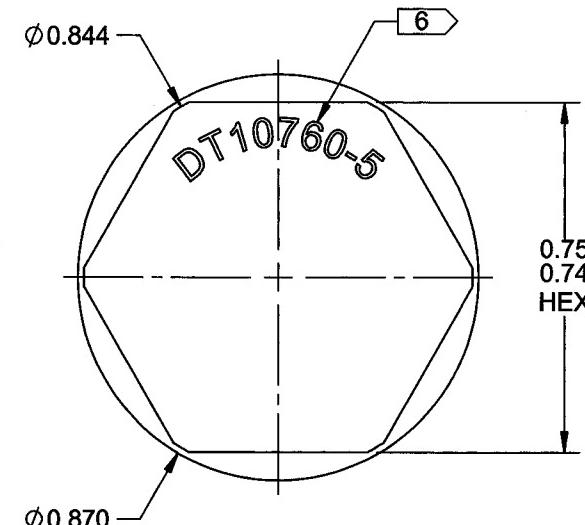
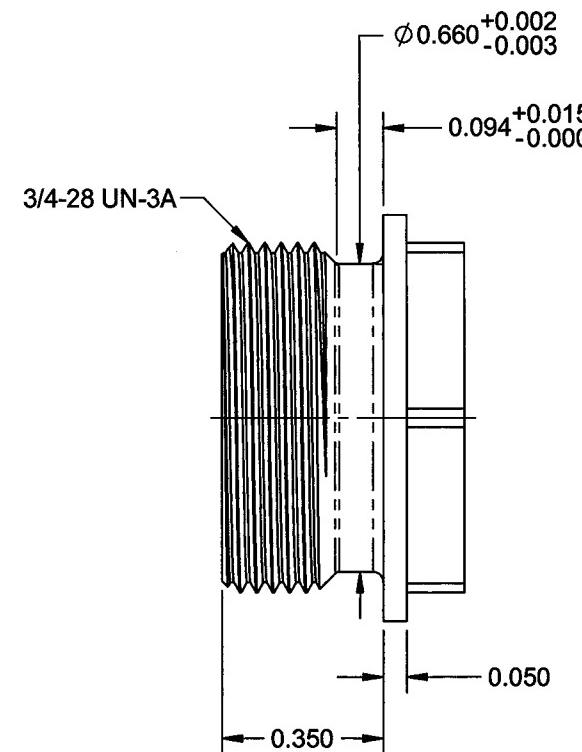
C

B

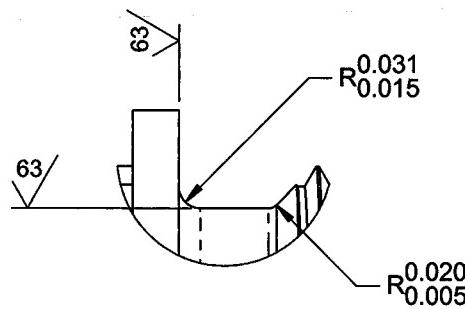
B

A

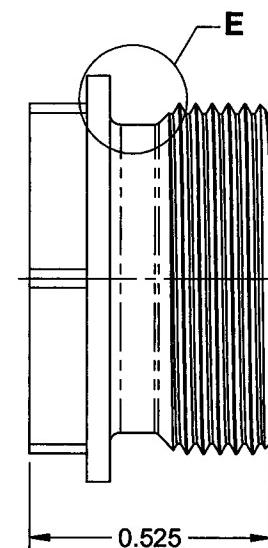
A



DT10760-5 PORT PLUG



DETAIL E



NOTES:

- 1) MATERIAL: 316L STAINLESS STEEL ROUND BAR
PER AMS 5653 OR ASTM A276
REF DART SPEC M316LR
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "DT10760-5" PER DART QSI 044 SECTION 6.3
USE MAX DEPTH OF 0.010 WITH MIN TOOL RAD OF 0.010
- 7) WEIGHT: N/A

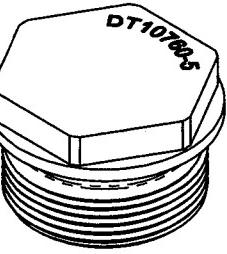
RELEASED

2021 NOV 04 *g*

RELEASED

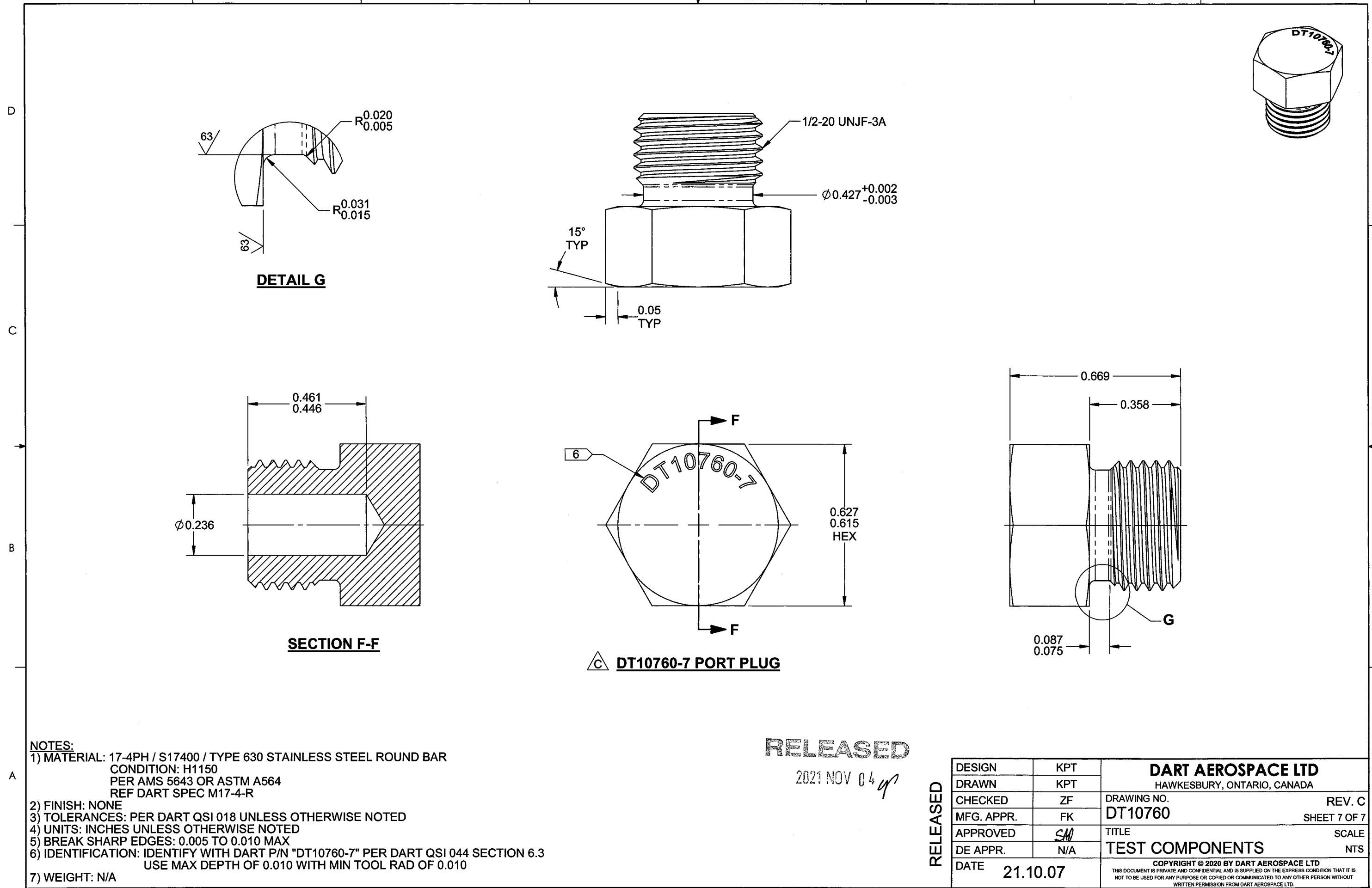
DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	KPT	
CHECKED	ZF	DRAWING NO.
MFG. APPR.	FK	REV. C
APPROVED	SAC	DT10760
DE APPR.	N/A	SHEET 6 OF 7
DATE	21.10.07	TITLE
		TEST COMPONENTS
		NTS

COPYRIGHT © 2020 BY DART AEROSPACE LTD
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS
NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT
WRITTEN PERMISSION FROM DART AEROSPACE LTD.



8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1



8 7 6 5 4 3 2 1